

FIG. 1

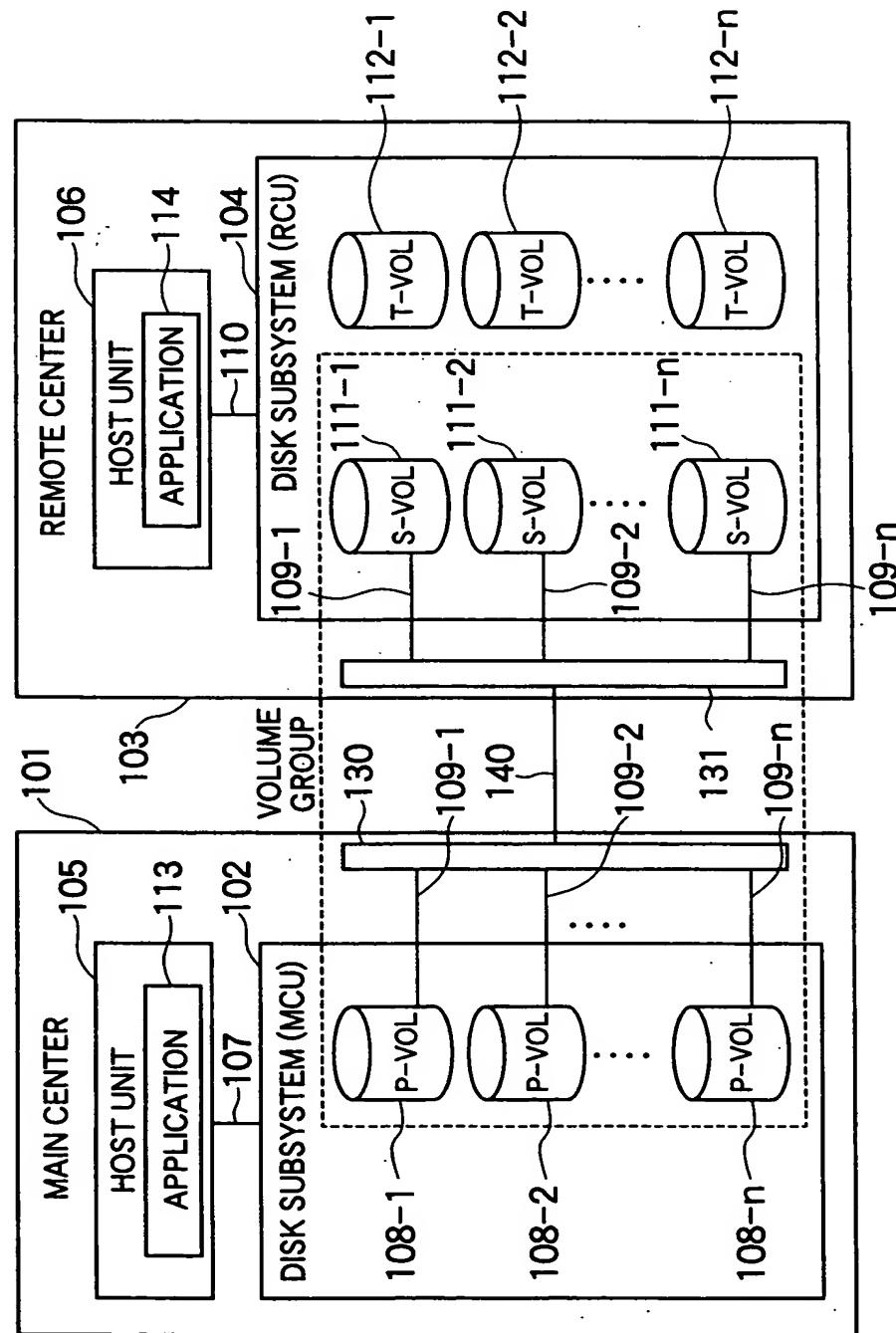
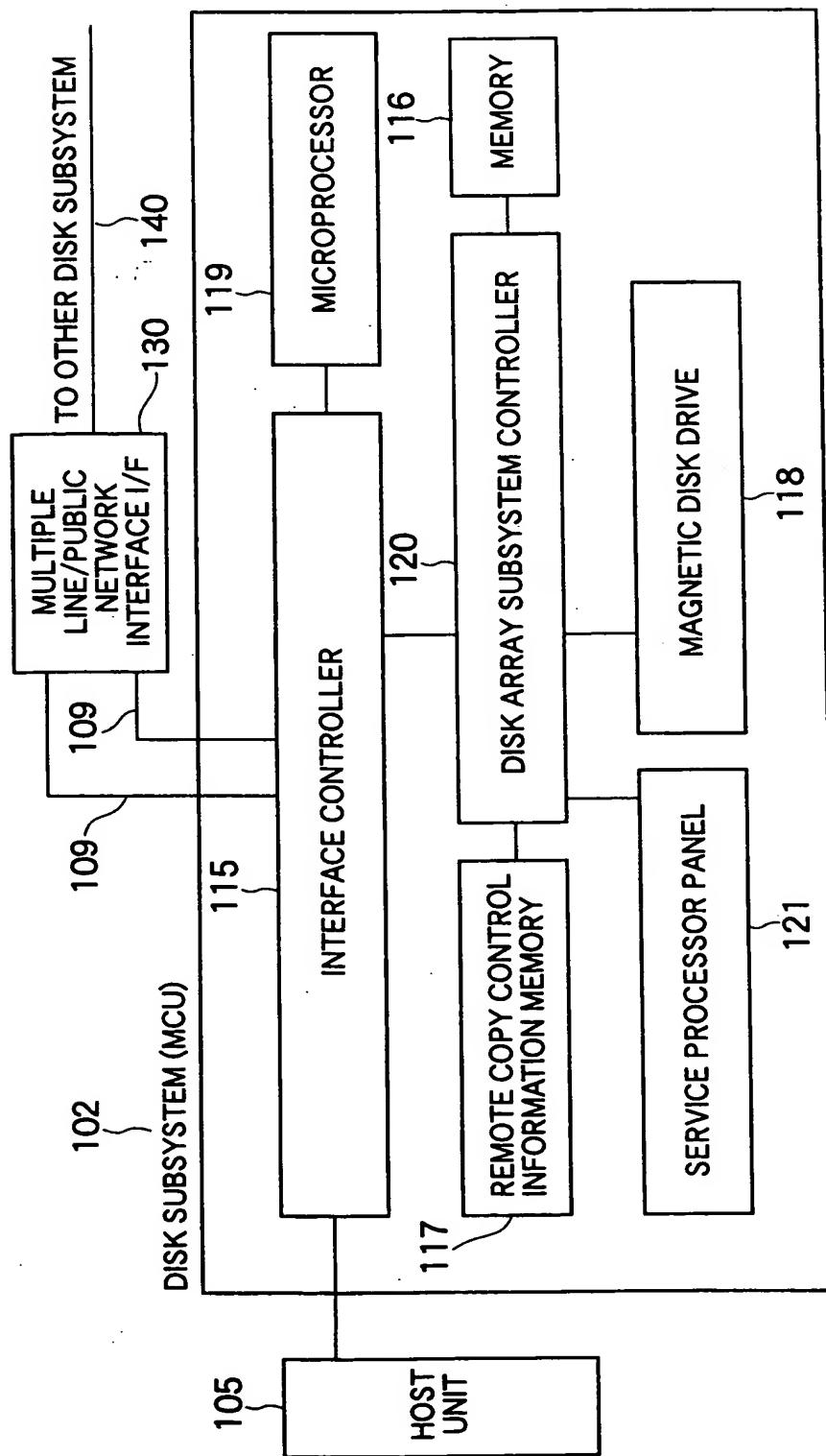
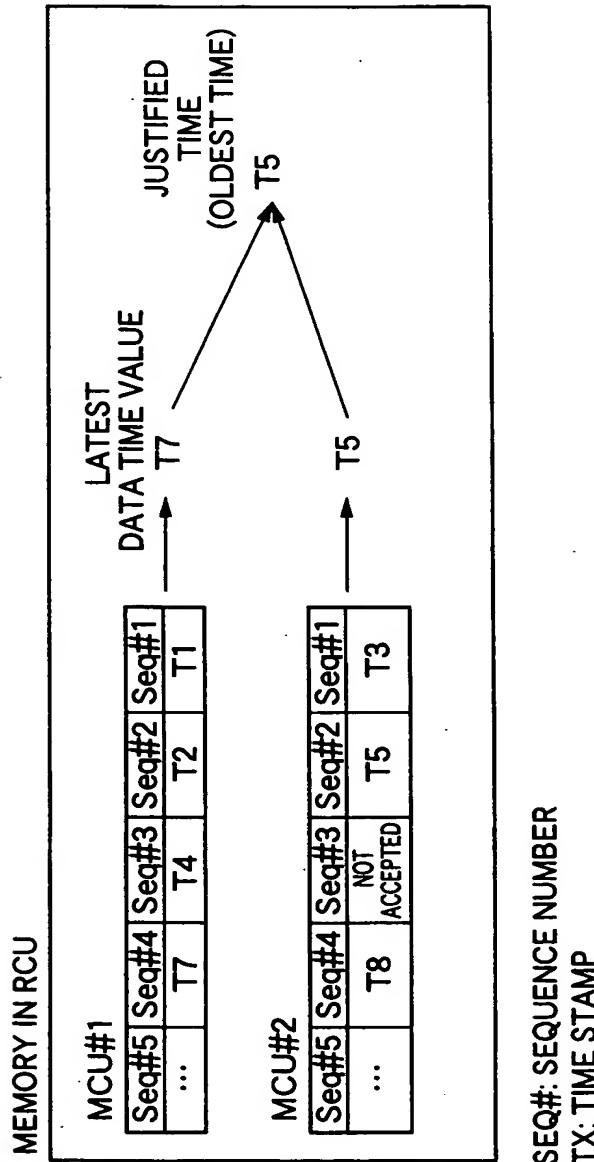


FIG. 2



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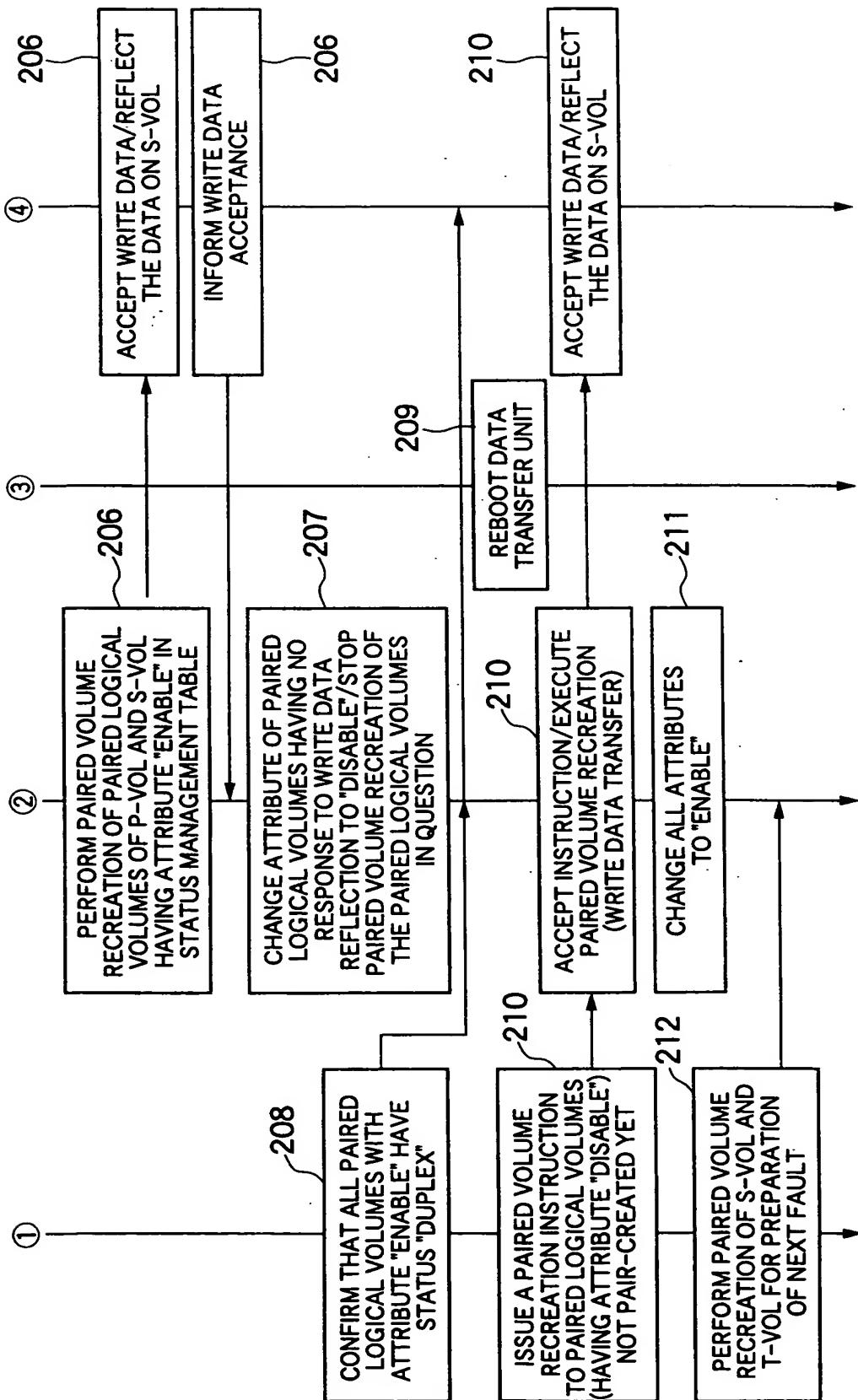
FIG. 3





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**FIG. 5**



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Claim 3

FIG. 6

DIVISION	STATUS TRANSITION OF PAIRED LOGICAL VOLUME			MCU STATUS MANAGEMENT TABLE			RCU STATUS MANAGEMENT TABLE	
	P-VOL	S-VOL	T-VOL	P-VOL	P-VOL STATUS	S-VOL	PAIRED VOLUME RECREATION ATTRIBUTE	S-VOL
(1) <i>Step 2</i>	P-VOL DUPLEX	S-VOL DUPLEX	T-VOL DUPLEX	0-0-01	DUPLEX	1-0-01	ENABLE ↓ DISABLE	1-0-01 DUPLEX
	P-VOL DUPLEX	S-VOL DUPLEX	T-VOL DUPLEX	0-0-02	DUPLEX	1-0-02	ENABLE ↓ ENABLE	1-0-02 DUPLEX
(2) <i>Step 3</i>	P-VOL SUSPEND	S-VOL SUSPEND	T-VOL DUPLEX	0-0-01	SUSPEND	1-0-01	DISABLE ↓ ENABLE	1-0-01 SUSPEND
	P-VOL SUSPEND	S-VOL SUSPEND	T-VOL DUPLEX	0-0-02	SUSPEND	1-0-02	ENABLE	1-0-02 SUSPEND
(3) <i>Step 4</i>	P-VOL SUSPEND	S-VOL SUSPEND	T-VOL SUSPEND	0-0-01	SUSPEND	1-0-01	DISABLE ↓ ENABLE	1-0-01 SUSPEND
	P-VOL SUSPEND	S-VOL SUSPEND	T-VOL SUSPEND	0-0-02	SUSPEND	1-0-02	ENABLE	1-0-02 SUSPEND

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FIG. 7

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FIG. 8

VG#=0001		JUSTIFIED TIME = 00:00:00		
P-VOL (MCU#-VOL#)	S-VOL (RCU#-VOL#)	STATUS	PAIRED VOLUME RECREATION ATTRIBUTE	
0-0:01	1-0:01	DUPLEX	ENABLE	
0-0:02	1-0:02	DUPLEX	ENABLE	
0-0:03	1-0:03	SUSPEND	ENABLE	
0-0:04	1-0:04	SUSPEND	DISABLE	